

6  
Titrimetric determination of boric acid H. E. Smith

PH. 8

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
<p><i>ca</i></p> <p><b>PROCESSES AND PROPERTIES INDEX</b></p> <p>Determination of the egg content of egg pastes. O. SZARACZ. <i>Kisérlet. Kétfelmény</i> 32, 459-60(1929); <i>Chimia &amp; Industrie</i> 25, 309(1931).—Digest 2 g. of paste with 100 cc distd. H<sub>2</sub>O for 1 hr. shaking at 15-min. intervals; let stand 30 min.; to 70 cc. of clear soln. add 5 cc. of 5% β-naphthosulfonic acid; coagulate on a water bath at 90°, cool</p> <p>without shaking and centrifuge. The egg content is obtained by comparing the coagulum obtained with that of a blank detn. As the results are very const., a graduated tube may be used instead of comparison with a blank.</p> <p>A. P.C.</p> <p><i>12</i></p>																			
<p>ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																			
1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									

14

Determination of the nitrate content of drinking water. O. Szilagyi, Kistler. *Közlönyek 33, 330 B(1930)*.—A rapid method consists in adding  $\text{Pb}(\text{NH})_4$  in  $\text{H}_2\text{SO}_4$  to 10 cc. water, shaking the mixt. in a bottle with glass stopper, cooling the liquid quickly and within about 5 min. comparing it with a standard soln. made of basic Cu carbonate,  $\text{K}_2\text{Cr}_2\text{O}_7$  and rosolic acid equiv. to 60 mg.  $\text{Na}_2\text{O}$  per l. The standard soln. should be diluted to the concn desired.

S. S. DE FINALLY

27

*Ca*

The determination of fat acids in soaps. *Udon Szakacs.*  
*Kísérleti Készlet 40, 281-5(1937).* Heat 3 g.  
disintegrated soap and 60 cc. water on the water bath  
until soln. is complete. Cool, transfer to a 100-cc. meas-  
uring flask with hot water, 90% alc. and finally a mist. of  
water and alc. Fill the flask with hot water, mix and take  
out 20 cc. with a pipet washed out by hot water. Add  
this 20-cc. soln. to a special cylinder (possibly the cylin-  
der of Schmidt-Bondsinski-Ratzlaf with side pipe), add 2  
drops methylorange and 25% H<sub>2</sub>SO<sub>4</sub> to strong acid reaction,  
cool and add 40 cc. ether. Shake the closed cylinder and  
add water, drop by drop, until the level of the lower frac-  
tion reaches the side pipe. Repeat the extr. 4-5 times.

let out ether soln. through the side pipe into a weighed con-  
tainer until only 2 mm. ether soln. remains in the cylinder.  
Treat the soln. remaining in the cylinder twice with 15 cc.  
ether and unite the ether solns. Remove the ether and  
weigh the container. The result gives  $\frac{1}{2}$  of the fatty  
acids of 3 g. soap. S. S. de Finlay

ASH 51A METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

ca

7

A modification of Bertrand's method for the determination of sugar. *Odion Sankhac. Kishlatayn Koshemnyak* 41, 143-6(1938).—A special boiling and pptn. bottle has been designed; it is of Jena glass and about 200 ml. capacity. Sugar samples are treated with solns. Bertrand I and II in the usual manner, boiled for 3 min., then allowed to settle for 4-5 min. and the excess liquid removed. The ppt. is washed with hot water, dissolved in 20 ml. of  $\text{FeSO}_4$  soln. and titrated with 0.1 N  $\text{KMnO}_4$ . One analysis requires about 25 min. S. S. de Pinay

ASH-34-A METALLURGICAL LITERATURE CLASSIFICATION

*Analytical Chemistry - 1*

**Titrimetric determination of boric acid** E. Schulek and O. Székely (L. Eötvös-Univ., Budapest). *Z. anal. Chem.* 137, 57 (1952). - It has been customary to fuse insol. samples contg. B with alkali carbonate and after treating the cooled melt with  $H_2SO_4$  and MeOH, distil off the  $H_3BO_3$  ester, treat the distillate with aq. KOH, and evap. off the MeOH. The residue is dissolved in a little water, neu-

tralized to methyl red, and then the  $H_3BO_3$  titrated to phenolphthalein with NaOH after the addn. of mannitol. It is now found that the procedure succeeds best when, for 1-60 mg.  $H_3BO_3$ , there is used 100 ml. MeOH, 5-10 ml. of N KOH, and 80-100 ml. of water. Moreover, for the final titration after the addn. of mannitol,  $\alpha$ -naphtholphthalein is a preferable indicator.

W. T. Hall

SZAKACS, O.

"Determination of Traces of Copper in Nutrient Media of Penicillin by Spectroscopic Assay of the Liquid." p. 413, Budapest, Vol. 3, no. 4, 1953.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

SZAKACS, OTTO

Determination of traces of copper in penicillin nutrients by spectroscopy of liquid. Tibor Torok and Ottó Szakács (Eötvös-Univ., Budapest). *Magyar Kém. Folyóirat* 59, 203-5 (1953).—Org. matter of the samples was destroyed by digestion with a 2:3 mixt. of concd.  $H_2SO_4$  and 30%  $H_2O_2$ . The addn. of reagents was repeated until the liquid remained colorless. The total metallic contamination of a 50-100 ml. sample could be concd. into 5 ml. Some  $CoCl_2$  soln. was added as an internal standard. The lines  $Cu$  3247.5/ $Co$  3283.5 and  $Cu$  3274.0/ $Co$  3283.5 were used. István Finály

C.A. V-4  
Jan 18, 1957  
Methods &  
Apparatus



it is possible to irritate the TLBO with a single indicator.

TOROK, Tibor; SZAKACS, Otto; SZABO, Zoltan Laszlo

Investigations in the field of spectrum analysis with rotated  
blast furnace aluminum models. Magy kem folyoir 66 no.12:487-  
490 D '60.

1. Eotvos Lorand Tudomanyegyetem Szervetlen es Analitikai  
Kemiai Intezete, Budapest.

SZAKACS, Otto

Graded filter slit divider for qualitative spectrum analysis.  
Magy kem folyoir 68 no.12:512-515 D '62.

1. Eotvos Lorand Tudomanyegyetem Szervetlen es Analitikai  
Kemiai Tanszeke, Budapest.

SZAKACS, Otto, dr. (Budapest, VIII., Muzeum korut 4/b)

Slit adjustment with step filter for qualitative spectrum analysis. Acta chimica Hung 39 no.1:1-6 '63.

1. Institut fur Anorganische und Analytische Chemie der L. Eotvos Universitat, Budapest.

SZAKACS, Otto; SCHULEK, Elemer, akadémikus

Some mineralization problems in connection with metal trace determination in organic substances. Kem tud kozl MTA 22 no.3/4:383-397 '64.

1. Chair of Inorganic and Analytic Chemistry, Lorand Eotvos University, Budapest. 2. Editorial board member, "A Magyar Tudományok Akadémia Kémiai Tudományok Osztályának Közleményei" (for Schulek).

SZAKACS, Otto, mernok tanacsos

The central railway terminal. Elet tud 20 no.2:60-64 15 Ja  
'65.

1. Hungarian State Railways.

SZAKACS, Otto

Some problems of spectrum analysis processes in case of solutions. Magyar kémiai folyóirat 70 no.12:516-524 D '64.

1. Chair of Inorganic and Analytic Chemistry of the Lorand Eotvos University, Budapest.

SZAKACSNE, F.A.

Maria Czizsinosky retires. Idojaras 68 no.3:190-191 My-Je '64.

8



ACC NR: AP6027390

SOURCE CODE: HU/0033/65/069/006/0358/0362

AUTHOR: Szakacsno, Farkas Amalia; Tonayno, Baros Iven

23  
B

ORG: none

TITLE: Areal distribution of precipitation in terms of daily and monthly quantity

SOURCE: Idojaras, v. 69, no. 6, 1965, 358-362

TOPIC TAGS: atmospheric precipitation, weather map

ABSTRACT: The daily and monthly precipitation amounts over the territory of Hungary were collected from all available sources and were analyzed to obtain information on the areal distribution. Maps were presented to illustrate this distribution and curves were derived to characterize the normal distribution. Mathematical operations such as square-root transformations were performed to obtain some generally applicable relationships. Some homogeneous fields were identified. Orig. art. has: 5 figures.  
JPRS: 34,270

SUB CODE: 04 /- SUBM DATE: none

Card 1/1

0977

0577

MAROS, Laszlo, dr.; PERL-MOLNAR, Ibolya, dr. (Mrs.); SZAKACS-PINTER, Margit,  
dr. (Mrs); SCHULEK, Elemer, prof.,dr.

Oxidations by periodate. Pt.3. Acta chimica Hung 40 no.4:  
379-385 '64.

1. Institut fur Anorganische und Analytische Chemie der Lorand  
Eotvos Universitat, Budapest, VIII., Muzeum korut 4/b.
2. Mitglied, Redaktionskollegium, "Acta Chimica Academiae  
Scientiarum Hungaricae" (for Schulek).

SZAKACZKI, Istvan, tanar (Szikszó)

Floods of the Vadasz Creek. Borsod szemle 7 no.3:109-110 '63.

FRISNYAK, Sandor; SZAKACZKI, Istvan, tanar (Szikszó)

Geography of Szikszó. Borsod szemle 7 no.4:36-44 '63.

1. "Borsodi Szemle" szerkesztoje (for Frisnyak).

0911 1112

L 38654-66 EWP(j) RM

ACC NR: AP6027648

SOURCE CODE: HU/0005/66/000/004/0149/0152

24  
B

AUTHOR: Maros, Laszlo; Szakacsne, Pinter Margit

ORG: Department for Inorganic and Analytical Chemistry, Eotvos Lorand Scientific University, Budapest (Eotvos Lorand Tudomanyegyetem Szervetlen- es Analitikai-Kemiai Tanszeke)

TITLE: Analytical applications of the bromine-oxidation of organic compounds. Part 1: Determination of p-phenylene diamine and its N-alkylated derivatives through quinones

SOURCE: Magyar kemiai folyoirat, no. 4, 1966, 149-152

TOPIC TAGS: oxidation, bromine, quinone, hydrolysis, ammonia, phenol

ABSTRACT: It was shown that the p-phenylene diamine and its N-alkylated derivatives can be determined by measuring the quinones or quinone derivatives formed in bromine oxidation. Bromine, in an acid solution, oxidizes these compounds to form quinone diimides which in turn hydrolyze to form quinone and ammonia. After removing any excess bromine from the reaction system with phenol, the quinone is determined iodometrically. The determination may also be effected by measuring the ammonia (or alkylamine) formed. Orig. art. has: 6 formulas and 7 tables. [JPRS: 36,464]

SUB CODE: 07 / SUBM DATE: 23Jul65 / ORIG REF: 002 / OTH REF: 003

Card 1/1 *ell*

MAROS, Laszlo; SCHULEK, Elemer; PERLNE MOLNAR, IboIya; SZAKACSNE PINTER, Margit

Determination of carbon dioxide by quick distillation and titrimetry.  
Magy kem folyoir 67 no.11:501-505 N '61.

1. Eotvos Lorand Tudomanyegyetem Szervetlen es Analitikai-Kemiai  
Tanszeke, Budapest.

MAROS, Laszlo; SZAKACSNE PINTER, Margit; SCHULEK, Elemer

Determination of formic acid (formate) through carbon dioxide formed during mercury (II) chloride oxidation. Magy kem folyoir 67 no.12: 531-532 D '61.

1. Eotvos Lorand Tudomanyegyetem Szervetlen- es Analitikai-Kemiai Tanszke, Budapest.

MAROS, Laszlo; SZAKACSNE PINTER, Margit; PERLNE MOLNAR, Ibolya; SCHULEK, Elemer

Quick method for determining all the carbon dioxide content of waters.  
Magy kem folyoir 67 no.12:533-535 D '61.

1. Eotvos Lorand Tudomanyegyetem Szervetlen- es Analitikai-Kemiai  
Tanszeke, Budapest.



MAROS, László; SZAKACSNE PINTER, Margit; SCHULEK, Elemer

Determination of organic substances in aqueous solution by complete oxidation. I. Distillation and titrimetric method for measuring carbon dioxide formed during the complete oxidation of organic substances. Magyar kémiai folyóirat 68 no.5:213-215 My 1962.

1. Eotvos Lorand Tudományegyetem Szervetlen és Analitikai Kémiai Tanszéke, Budapest.

NY 0001/64/041/01-/0123/0132

Author: [illegible] Budapest: Szekessy-Printer, Margit

**TITLE:** Determination of ethyl alcohol, methyl alcohol, acetaldehyde, and formaldehyde in the presence of each other

**SOURCE:** Academia scientiarum hungaricae. Acta chimica, v. 41, no. 1-2, 1964, 123-132

**TOPIC TAGS:** acetic acid, oxidation, titrimetry, ethyl alcohol, methyl alcohol, acetaldehyde, formaldehyde, chemical detection

**ABSTRACT:** [German article] In the method described, the acetic acid formed in the reaction is separated by steam distillation and determined titrimetrically. It enables the accurate determination of small quantities of ethyl

Card 1/2

ACCESSION NR: AT6021248

screened with the aid of which 1, 2-propylene glycol (oxidized into acetaldehyde)  
was determined. Orig. art. has: 4 tables, 1 figure, 4 formulas.

ASSOCIATION: Institut für Anorganische und Analytische Chemie der L. Eotvos  
Universität Budapest, Institute of Inorganic and Analytical Chemistry, L. Eotvos  
University

SUBMITTED: 05.11.64

ENCL: 00

SUR CODE: OC, GC

REF: 1 Y 100

OTHER: 10

JPRS

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001654410005-5"

Card 2/2

SZAKAL, Dezső, okleveles közlekedési üzemmernök, előadó

Hump yard mechanization in the Soviet Union. Kozl tud  
sz 13 no.5:234-236 My '63.

1. Országos Tervhivatal.

SZAKAL, Jozsef; SOMOGYI, Andrasne

Society news. Faipar 12 no.2:64-3 of cover F '62.

SZAKAL, P.

Determining the power balance of electrolytic cells for aluminum production. p. 526.  
Vol 10, no. 12, Dec. 1955. KOHASZATI LAPOK. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

SZAKALI, P

4  
The performance of (carbon) cathodes in electrolytic aluminum furnaces, Pál Szakali and Gyula Páczolay (Fémipari Kutató Intézet, Budapest, Hung.). Fémipari Kutató Intézet Közleményei No. 2, 73-82 (1958).—Records of Hungarian Al plants pertaining to carbon cathode performance were evaluated. Because the required clearances can be followed easier at high ambient temps., cathodes built in the summer were found to last approx. 37% longer than those built in the winter. Intermittent furnace operation shortened the service life of cathodes, although a single stoppage was found to have no appreciable effect. Consistency and elec. resistance of cathodes was of smaller influence on service life as was expected. Phys. deterioration of cathodes had a pronounced, although not predictable, effect upon metal quality and power economy.  
L. G. Averbach

ahit  
1/1

SZAKAL, Pal, okleveles vegyeszmernok, Kossuth-dijas

Effect of cathode durability on the economy of aluminum metallurgy.  
Koh lap 93 no.8:337-340 Ag '60.

1. "Kohasziati Lapok" szerkeszto bizottsagi tagja.



SZAKAL, Tibor

New technology for manufacturing hollow tools. Ujit lap 13 no.9:25  
My '61.

(Hungary.—Machine tools)

SZAKALL, Istvan, dr.

Newborn infant care in the Csorna region. Nepegeszsseguy 40  
no.9:234-237 S '59.

1. Kozlemeny a osornai jarasi korhaz (igazgato: Szasz Jenos dr.)  
gyermerosztalyarol (foorvos: Szakall, Istvan dr.).  
(INFANT CARE)

SLAKALL, István

Country: Hungary

Academic Degrees: Dr

Affiliation: Hospital of Csorna Járás, Pediatric Ward (Csornai Járási Kórház  
Gyermeosztálya).

Source: Budapest, Gyermekegyógyászat, Vol 12, No 10, Oct 61, pp 301-305

Data: "The Regional Question of Rachitis."

GPO 981643

SZAKALL, Istvan, dr

Experiences gained in regard to infant mortality in the county of  
Csorna. Nepegeszségügy 43 no.12:368-372 D '62.

1. Kozlemeny a csornai jarasi korhazbol.  
(INFANT MORTALITY)

COMMON ELEMENTS																										1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																																					
COMMON ELEMENTS																										1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																																					
SZAKALL, K.																																																																																									
14																																																																																									
<p>Apparatus for softening water. Aladár Jendrassik and Kálmán Szakall. Hung. 128,681, Dec. 15, 1941. Chemicals for softening water are supplied from a floating container with an automatic feed regulator. Structural details are given. István Finály</p>																																																																																									
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																																																																																									
<table border="1"> <tr> <th>GROUP</th> <th>CLASS</th> <th>SUBCLASS</th> <th>SECTION</th> <th>SUBSECTION</th> <th>ITEM</th> </tr> <tr> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> </tr> </table>																										GROUP	CLASS	SUBCLASS	SECTION	SUBSECTION	ITEM	1	1	1	1	1	1																																																				
GROUP	CLASS	SUBCLASS	SECTION	SUBSECTION	ITEM																																																																																				
1	1	1	1	1	1																																																																																				

POLARIS : 100000  
 CATEGORY : Chemical Technology - Chemical Products and  
 Their Application - Corrosion, Corrosion Control  
 ASS. JOUR. : RZKhim., No. 20 1958, No. 71796

AUTHOR : Szekely, K.  
 TITLE : Protection Against Corrosion of Water Mains  
 of Industrial and Drinking Water Supply  
 Systems.  
 ORIG. PUB. : Magyar Építőipar, 1958, 7, No 8-9, 339-341

ABSTRACT : Description of methods of application of  
 special inhibiting bituminous cement coatings (C), and  
 C-1 and C-2, on the inner surfaces of water mains.  
 Different procedures are described for applying C to the  
 inner surfaces of pipes at the welds, or the junction,  
 seams. The most up-to-date method of coating the surface  
 with a solution of bitumen in the centrifugal method, the  
 basic procedure of which is described. -- S. Krushchki.

CARD:

BAKALI, K.; CSEPI, L.

Purification of the water of the Danube River at Győr, p. 500.

RENKAR LÉPŐTÁRS. (Építőipari Tudományos Egyesület) Budapest, Hungary.  
Vol. 6, no. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI) 10, Vol. 9, no. 1, Jan. 1960

Uncl.

S/261/62/000/012/002/002  
1007/1207

AUTHOR: Szakáll, Kalmán, Pálhidy, Attila and Endrey, Gyula

TITLE: Synchronous diaphragm-pump

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 34. Kompresory i kholodil'naya tekhnika. 12.  
1962, 16, abstract 32.2.34. Hungarian patent, class 59, no. 148211, March 31, 1961

TEXT: none given.

[Abstracter's note: Translation of title.]

Card 1/1



VARRO, Istvan, okleveles vegyeszmernok; SZAKALL, Kalman, okleveles  
gepeszmernok

Drinking water supply from surface waters. Hidrologiai kozlony  
41 no.3:215-225 Je '61.

1. Foldmero es Talajvizsgalo Vallalat osztalyvezetohelyettese;  
"Hidrologiai Kozlony" szerkeszto bizottsagi tagja (for Varro).
2. Melyepitedi Tervezo Vallalat szakosztalyvezetoje (for  
Szakall).

SZAKALL, Karoly

The role of correcting faults in connection with freight handling.  
Wasut 12 no.12:16-17 D '62.

SZAKALLAS, F.; KISS, J.

"We Should Improve the Results of Our School Studies in Order to Be Worthy of the Confidence of Our People", P. 7, (REPULES, Vol. 6, No. 10, May 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

SZAKALLAS, F.; KISS, J.

"Radiomen of the Hungarian Aviation League at the National Competition of Telegraphists", P. 7, (REPULES, Vol. 6, No. 10, May 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

SZAKALY, JOZSEF

DECEASED

1964

c. '64

Geodesist

SZAKALY, Jozsef

Phenological phenomena of Hungarian winter wheat species. Orsz  
meteor int besz tud kut 26:334-348 '62(publ.'63).

L 9843-66 FCC  
ACC NR: AP6003959

SOURCE CODE: HU/0033/65/069/001/0045/0049

AUTHOR: Szakaly, Jozsef

ORG: none

TITLE: Duration probability of cold periods during the winter

SOURCE: Idojaras, v. 69, no. 1, 1965, 45-49

TOPIC TAGS: climatology, climatic condition, weather forecasting, horticulture

ABSTRACT: The relative frequencies and durations of cold spells in the Kecskemet area (an orchard zone) were compared for the 1903-1904 to the 1963-1964 winters. On the basis of these data means for forecasting the probabilities of cold spells of various temperatures and/or durations were developed. The findings are useful in the proper operation of the orchards in the area investigated. Orig. art. has: 1 table. [JPRS]

SUB CODE: 04, 02 / SUBM DATE: 03Jan65 / ORIG REF: 003

Card 1/1

KARPATI, Istvan; SZAKALY, Jozsef

Annual periodic rhythm of the vegetation growth and the changes  
in the true horizon. Idojaras 68 no.2:111-116 Mr-Ap '64.



SZAKALY, J.

Conference on frost control. Idojaras 68 no.2:126-127 Mr-Ap '64

SZAKAS, O.

Some problems of computing the time between the loading and unloading of a railroad freight car. p. 387.

(Ellelmezesi Ipar. Vol. 13, no. 21, May 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

SZAKASITS, Arpad

This is no longer a utopia. Term tud kozl 5 (93) no.3:97-98 Mr '62.

1. Az Elnoki Tanacs tagja, az Orszagos Beketanacs elnoke

SZAKASITS, Arpad; DEZSERI, László

Gifts to the delegates of the Conference. Magyar 6  
no.14:1 12 JI '62.

1. Országos Bektanacs elnöke (for Szakasits). 2. Országos  
Bektanacs fotitkara (for Dezseri).

SZAKASITS, Arpad

For complete disarmament and peaceful coexistence. Hung TU  
no.5:1-2 My '63.

1. Member of the Executive Committee of the World Peace  
Council; President of the Hungarian National Peace Council.

SZAKASITS-DOROSZLOI, Gy. (Budapest II., Ermelleki u.5)

Most significant impulses of technical progress in socialism. Periodica  
polytechn eng 5 no.2:151-169 '61.

1. Lehrstuhl für Industriegewirtschaftslehre an der Karl-Marx Universität  
für Wirtschaftslehre.

SZAKASITS, Gyorgy, dr.

Modern, "up-to-date" information service. Musz alet 16 no.2:4  
Ja '61. (NEAI 1C-9)

(Council for Economic Mutual Assistance)  
(Hungary--Technology)

SZAKASITS, D. Gyorgy, a kozgazdasagi tudomanyok kandidatusa, egy. docens  
(Budapest)

Socioeconomic role of the scientific research work and main tendencies  
of its transformation. Magy tud 68 no.7/8:429-443 J1-Ag '61.

1. Marx Karoly Kozgazdasagtudomanyi Egyetem, Budapest.



Szakats, E.

Possibilities of development of tile stove manufacture. p. 393

ENERGIA ES ATOMTECHNIKA. (Energiagazdalkodasi Tudomanyos Egyesulet)  
Budapest, Hungary. Vol. 12, no. 7/8, July/August 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.11  
November 1959  
Uncl.

SZAKATS, Eva

Work of the Executive Committees of the Federation of Technical  
and Scientific Associations. Musz elet 20 no.1:2 14 Ja '65.

SZAKELY, Imre

Studies on a conic cogwheel composed of conic evolvent pinions. Studii  
cerc meo apl 12 no.5:1057-1074 '61.

1. Institutul politehnic, Cluj.

SZAKKAY, A. 1948

"The Results of 100,00 max X-ray Examinations After World War 11"

Nepegeszs., Budapest, 1948 29/689-720(692-687)  
Abst: Exc. Med. IV, Vol. 11, No. 4, p. 476

SZAKKAY, Antal, dr.

The tuberculosis service of Budapest and the territorial principle.  
Tuberkulózis 14 no.5:129-132 My '61.

1. A Budapesti központi tb gondozo (igazgato foorvos: Szakkay Antal  
dr.) kozlomenye.

(TUBERCULOSIS prev & control)

FODOR, Ferenc, dr.; SZAKKAY, Antal, dr.

Some epidemiological data on tuberculosis obtained during contact preventive examinations. Nepegaszsegugy 43 no.1:12-14 Ja '62.

(TUBERCULOSIS epidemiol)

FODOR, Ferenc, dr.; SZAKKAY, Antal, dr.

Epidemiological significance of a pathological form of tuberculosis based on contact morbidity within the family. Tuberkulozis 16 no.1: 7-12 Ja '63.

1. A Budapesti Orvostudományi Egyetem Közegészségtani Intézete és a Fővárosi Központi Tbc-Gondozóintézet közleménye.  
(TUBERCULOSIS)

HUNGARY

SZAKKAY, Antal, M.D., [affiliation not given].

"Epidemiology of Tuberculosis as Seen by the Attending Physician"

Budapest, Orvosi Hetilap, Vol 104, No 20, 19 May 1963, pp. 952-953.

Abstract: In his letter to the editor, the author comments critically on the articles by BOSZORMENYI, Miklos, M.D., (Orvosi Hetilap, No. 35, 1962), JENKY, Endre, M.D., (Orvosi Hetilap, No 36, 1962), and PATER, Janos, M.D., (Orvosi Hetilap, No 4, 1963).

1/1



SZAKLARZ, W.

The present state and possibilities of development of sprinkling installations in Poland.

P. 13. (GOSPODARSTWO WODNE) (Warszawa, Poland) Vol. 18, No. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

SZAKMARY, Geza,; WELLISCH, Geza.

Application of hyaluronidase in experiments on mice for increase of toxin-binding action of antitetanus serum. Kiserletes orvostud. 7 no.2:170-175 Mar 55.

1. Phylaxia Allami Oltonyagtermelo Intezet Laboratoriuma.

(IMMUNE SERUMS,

antitetanus serum, eff. of hyaluronidase on toxin-binding properties)

(TETANUS, immunology,

antitetanus serum, eff. of hyaluronidase on toxin-binding properties)

(HYALURONIDASE, effects,

antitetanus serum toxin-binding properties)

SZAKMARY, G

COUNTRY	: HUNGARY	R
SUBJECT	: Diseases of Farm Animals. Diseases Caused by Virus and Bacteriae	
ABD. COUN.	: Medicina, Vol. 13, 1958, No. 59764	
AUTHOR	: Bamberger, K.; <u>Szakmary, G.</u> ; Kekuk, T.	
INSTR.	: -	
TITLE	: Experience with the Vaccine Prepared from Small- pox Virus Isolated from Turkey Hens	
ORIG. PUB.	: Magyar allatorv. lapja, 1957, 12, No 4-5, 112- 117	
ABSTRACT	: The vaccine prepared from the isolated virus of turkey hens, cultivated on the membranes of the hens' embryo, and tested on turkey hens, hens and turkey poultz produced a good result.	

Cards: 1/1

BAMBERGER, Károly, dr., az allatorvostudományok kandidátusa; SZAKMÁRY, Géza,  
dr., az allatorvostudományok kandidátusa

Variability of the virulence of the pox virus from turkey. Magy  
allatorv lap 17:38-40 S '62.

1. Magyar Tudományos Akadémia Allategészségügyi Kutató Intézete  
(for Bamberger). 2. Phylaxia Allami Oltoanyagtermelő Intézet;  
"Magyar Allatörvosok Lapja" munkatársa (for Szakmary).

SZAKMARY, G.

GERMAN SUMMARY

SZAKMARY, G. and TOTTH, B., Phylaxia State Vaccine Production Institute, Budapest (Original-language version not given)

"Recent Experiments in Preparing Fowl Pox Vaccines"

Leipzig, Archiv fuer Experimentelle Veterinaermedizin, Vol 17, No 1, 1963, pp 91-100

Abstract: [Authors' German summary modified] Improvements in preparing live vaccines using embryos from immunized fowl include inoculation of the embryo on the 11th day of incubation, adding a small amount of embryo paste to the allantochoirion fluid and using unused embryos in preparing oral vaccines. The amount and type of other bacteriostatic materials present and useable was determined; even fowl typhus bacteria were observed with other microorganisms.

3 figures, 27 references, 15 of them Hungarian.

1/1

6

SZAKMARY, Geza, Dr, VALI, Alajos, Dr; Phylaxia State Vaccine Production Institute (Phylaxia Allami Oltoanyagtermelo Intezet) (director: MOLNAR, Jozsef, Dr) and Human Vaccine Producing and Research Institute (Human Oltoanyagtermelo es Kutato Intezet) (director: VERES, Gabor, Dr).

"The Current Mode of Determination of the Residual Moisture of Lyophilized Live Vaccines."

Budapest, Magyar Allatorvosok Lapja, Vol 18, No 9, Sept 63, pages 358-360.

Abstract: [Authors' English summary modified] The moisture content of different live vaccines for veterinary use has been determined using Flosdorf's, K. Fisher's and Beckett's methods. In general, the first two methods gave higher results than the third one. Especially large difference in the results was found with samples of the Newcastle disease virus, containing glucose. This may be due to the moisture retention of glucose. In the evaluation of Beckett's method it is stressed that the determination is carried out in a closed system throughout, the material remains unchanged during the determination and small quantities of the material are sufficient. The test, however, is lengthy and not suited for serial determinations. The average moisture content of vaccines produced by the authors and tested by Beckett's method were: 0.3 per cent for lapinized swine fever vaccine; 0.7, 0.8, 1.0 per cent for Newcastle disease vaccines; 1.3 per cent for brucellosis vaccine. All 10 references are Western.

1/1

SZAKMÁRY, Géza, dr., az állatorvostudományok kandidátusa

Collection of lyophilized bacterium and virus strains. Magyar  
állatorv. lap 19 no.5:197-202 My '64

1. Phylaxia State Vaccine Producing Institute (Director: Dr.  
József Molnár), Budapest.

HUNGARY

SZAKMARY, G., Phylaxia State Serum Institute [original-language version  
~~not given~~] in Budapest (Director: MOLNAR, J.).

"Simultaneous and Combined Vaccination Against Newcastle Disease and Fowl Pox"

Budapest, Acta Veterinaria Academiae Scientiarum Hungaricae, Vol 16,  
No 2, 27 Jun 1966, pp 167-174.

Abstract: [English article] In Hungary, good results have been obtained with the combination of the Hertfordshire vaccine strain of Newcastle disease virus and a pigeon-pox virus strain, rubbed into the feather follicles as well as with the combined application of Hertfordshire vaccine and turkey pox virus by the wing-stab method. In the first instance, the vaccines were freeze-dried. The vaccine most suitable for freeze-drying contains 50% turkey pox virus-infected chorioallantoic membrane, 30% allanto-amniotic fluid infected with the Hertfordshire virus, and 20% excipients. The vaccine is diluted in a 1:10 ratio, and applied in a dose of 0.03 ml.. Effective and durable protection was imparted to the animals thus vaccinated. 22 references, including 4 German, 4 Hungarian, 1 Russian, and 13 Western. (Manuscript received 14 Jul 1965).

1/1

- 236 -

SZAKOLCZAI, Gyorgy

"Comparing methods used in pre-estimating national income" by  
Herbert Gulicher. Reviewed by Gyorgy Szakolczai. Stat szemle  
37 no.4:458-459 Ap '59.



HUNGARY

SZAKOLCZAI, Jozsef, Dr; National Animal Health Institute (director: KADAR, Tibor, Dr, cand. of vet. sci.) (Országos Állategészségügyi Intézet).

"Study of the Bacteria Occurring in the Intestines and Parenchymatous Organs of the Carp (Cyprinus Carpio) I. Bacteriological Study of the Species Belonging to the Genus Aeromonas."

Budapest, Magyar Állatorvosok Lapja, Vol 22, No 2, Feb 67, pages 73-76.

Abstract: [Author's English summary modified] Bacterial strains belonging to the genus Aeromonas and isolated from the intestines and inner organs (liver, kidney, heart) of 352 healthy and diseased carps of various age groups were tested immediately after the killing and processing of the fishes. Ae. punctata was found to occur frequently as it was found in 58.2 per cent of the intestines and in 20.7 per cent of the organ samples. Ae. formicans was isolated from 17.6 per cent of the intestinal and 9.3 per cent of the organ samples. These bacteria were present not only in carps affected with dropsy (Ae. punctata 31 per cent, Ae. formicans 8.9 per cent), swim bladder inflammation (19 and 11 per cent, respectively), parasitic invasion (5.7 and 3.7 per cent, respectively), but also in the viscera of healthy carps (10.4 and 9.3 per cent, respectively). According to the results of these investigations, Gieser's culture medium is not suitable for the identification of Ae. punctata. This medium can be used only for an orientational selection of these bacterial species. 9 Eastern European, 26 Western references.

(Állategészségügyi Intézet)(Director: Dr Tibor KADAR, Candidate of Veterinary Sciences).

"Quantitative and Paper-Electrophoretic Studies of Serum Proteins of the Carp"

APPROVED FOR RELEASE: 07/13/2001 Vol 1 CIA-RDP86-00513R001654410005-5

Abstract [Author's English summary, modified]: The total quantitative and paper-electrophoretic study of the serum proteins of wild and bred healthy and sick carps of various age groups showed that 1) in carps of the same age group seasonal variations are insignificant; 2) 6 protein fractions may be differentiated in the serum of healthy carps; 3) the total protein content of carps affected with acute dropsy is very low; 4) in the case of swimming bladder inflammation and trypanoplasmosis there was a specific increase in gamma globulin content; and 5) since healthy-looking carps and those affected with dropsy show similar changes in serum protein values, total protein values and paper-electrophoretic patterns cannot be used for the prognosis and early diagnosis of dropsy in carps. 18 References, mainly Western.

1/1

6086

CSO: 2000-N (76 pages)

SZAKOLYI, A.

Abbreviating medical records of ambulatory patients. Nepo-  
geszsegugy 44 no.9:285 S '63.

(HOSPITAL OUTPATIENT SERVICE)  
(MEDICAL RECORDS) (ABBREVIATIONS)  
(SHORTHAND)

SZAKOLYI, Andras, dr., belgyogyszer

How should old men live? Elet tud 15 no.44:1387-1389 30 0  
'60.

SZAKOS, Lukacs

Concrete production in small volumes in the winter below  
-10°C. Magy ep ipar 12 no.9:417-419 '63.

E-2

POLAND / Analytical Chemistry--Analysis of  
inorganic substances.

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 38321

Author  
Inst  
Title

: Szakow, J.; Radwan, Z.; and Strzyzewska, B.  
: Not given  
: The Spectrographic Determination of Uranium in  
Ores and Leaching Residues by the Powder-Sifting  
Method in the A-C Arc.

Orig Pub : Nukleonika, 3, Spec No, 67-73 (1958) (in  
English)

Abstract : The ore specimen is ground to a fineness of 0.06  
mm and mixed with coal dust in the ratio 1 : 3.  
350 mg of the powder mixture obtained is placed  
in a hollow Cu electrode of 6 mm diam, the bot-  
tom of which is provided with 5 symmetrical

Card 1/3

99

SZAKUN, A.N. [Sakun, A.N.], mernok; KERNER, Tibor [translator]

Reducing the construction cost of sewage sedimentators in  
sugar factories. Cukor 14 no. 1:6-8 Ja '61.

1. Ukrajnai Elelmiszeripari Tervezo Iroda (for Sakun).

SZAKVARY, Jeno

The new waterwork on the Lake of Zurich. Vizugyi kozl no.1:  
121-124 '58.

SZAKVARY, J.

"Presentation of Hungarian midget waterworks." p. 428

HIDROLOGIAI KÖZLÖNY. HYDROLOGICAL JOURNAL. (Magyar Hidrológiai Társaság)  
Budapest, Hungary, Vol. 38, No. 6, Dec. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959.  
Uncl.



SZAKVARY, Jeno, okleveles mernok, fomernok

The water supply system of Borsod County. Vizugyi kozl no.3:  
321-349 '61.

1. Orszagos Vizugyi Foigazgatosag Vizellatasi es Csatornazasi  
Fosztalya.

SZAKVARY, Jeno, okleveles mernok

Construction and production costs of the city waterworks and canal system, Vizugyi kozl no.1:127-141 '64.

1. Division Chief, Department of Water Supply and Canalization,  
National Water Board, Budapest.

SZAL, J.

SZAL, J. Teorja kosmogoniczna. Układ międzyplanetarny wszechświata  
(Cosmogonic Theory. The Interplanetary Structure of the Universe).  
Warszawa, 1947, p. 71.

SZALAGAN, Jan, mgr. (Opole)

Tubular scaffolds. Przegl budowl i bud mieszk 33 no.12:  
743-744 D '61.

SZALAI, B.

SZALAI, B. Decree issued by the Minister of Light Industry on scientific associations. p. 60. Vol. 5, no. 3, Mar. 1955. FAIFAR. Budapest, Hungary.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

STALAI, D.

A new building method; the Erdely shellplate walling. p. 5.  
(SZEPK LAPJA. Vol 9, no. 14, Aug. 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (MEAL) IC. Vol. 6, no. 12, Dec. 1957.  
Uncl.

SZALAI, Dezso

Fertility conditions of *Triticum aestivum* L.  $\times$  *Agropyron*  
*intermedium* (Host.) Beauv/ and *Triticum aestivum* L.  $\times$  *Agropyron*  
*elongatum* (Host.) Beauv. hybrids. Biol kozl 8 no.1:39-49  
'60.

1. Magyar Tudomanyos Akademia Mezogazdasagi Kutato Intezete,  
Martonvasar.

\*

HUNGARY

SZALAI, Dezso, PAL, Gyula; Agricultural Research Institute (Mezőgazdasági Kutató Intézet) of MTA [Magyar Tudományos Akadémia -- Hungarian Academy of Sciences], Martonvasar.

"Trends in Certain Properties of Culm and Leaf in the F<sub>1</sub> Generation of Triticum-Agropyron Hybrids."

Budapest, Biologiai Közlemények, Vol XI, No 1, 1963, pp 17-28.

Abstract: [Authors' English summary modified] Certain properties of various Triticum-Agropyron hybrids were studied qualitatively and quantitatively. Hybrid vigor was observed in the height of the hybrid plants. The dimensions of the ligules and the dry matter content of the culm were found to be governed by heredity and are transmitted in an intermediate form. Hybrid vigor was observed, in some combinations, with respect to the length of leaf blades and, in most cases, with respect to the length of the sheath and number of productive shoots, and dominant transmission of leaf number was observed in hybrids derived from one of the Agropyron species. The hybrid vigor decreased in vegetative propagation in seven-year old plants of the F<sub>1</sub> generation. Of 18 references, 14 are Eastern European and 4 are Western.



SZALAI, Dezso; BALLA, Laszlo

"Wheat growing experiments, 1952-1959", edited by Jeno Bajai.  
Reviewed by Dezso Szalai and Laszlo Balla. Magy tud 70  
no.2:148-151 F '63.

1. Magyar Tudományos Akademia Mezogazdasagi Kutato Intezete  
tudományos munkatarsa, Martonvasar.

HUNGARY/Soil Science - Fertilization. Mineral Fertilizers.

J

Abs Jour : Ref Zhur Biol., No 1, 1959, 1375

Author : Gaspar, Laszlo; Vegh, Marta; Szalai, Dezsone; Gaspar  
Laszloné

Inst : Hungarian Academy of Sciences

Title : Experiments on the Preparation and an Investigation  
of the Effects of a Slow Acting Nitrogen Fertilizer,  
"Ureaform"

Orig Pub : Magyar tud. akad. agrartud. oszt. kozl., 1957, 13,  
No 1-2, 113-128

Abstract : Ureaform was prepared by the following method; 3 gram-  
molecules of crystalline carbanide was dissolved in 1  
liter of water, the reaction of which was preliminarily  
brought up to a pH of 3.6 at a temperature of 25 degrees  
with citric acid and sodium diphosphate. The solution

Card 1/2

- 26 -

HUNGARY/Soil Science - Fertilization. Mineral Fertilizers.

J

Abs Jour : Ref Zhur Biol., No 1, 1959, 1375

was mixed with 37% formaldehyde so that there was 1 molecule of formaldehyde to 1.625 gran-molecules of carbanide. The solution was adjusted to a pH of 3.6 with a buffer solution. After twenty-four hours the white precipitate was filtered, washed with water, and dessicated. Field experiments were conducted on liam soils of a humus-carbonate type. The test plant was corn for green fodder. It was found that the decomposition of ureaform was negligible, the action of nitrogen low, and the harvest was not increased. The quality of the green fodder was raised. An increased harvest was observed on test fields where ureaform was applied in combination with ammonium fertilizer. --  
A.A. Vizauyer

Card 2/2

SZALAI, Gyorgy

Frequency and approximate duration of winds differing in velocity over the Alföld. Időjárás 66 no.6:367-375 H-D '62.

1. A tanulmány az Agrártudományi Egyetem Földművelési és Kulturtechnikai Tanszéken készült. Tanszékvezető: Oroszlány István, a mezőgazdasági tudományok kandidátusa.

U S L H I, 4  
HUNGARY/General Questions

Abs Jour: Ref Zhur-Khimiya No. 7, 1957, 21890

Author : Szalai, I.

Inst : None

Title : Chemistry for the second grade of general education  
gymnasium.

Orig Pub: Budapest, Tankonyvkiado, 1956, 159 p., 7 forint  
(published in Hungarian)

Abstract: No abstract

Card 1/1

USCOM-DC-51641

SZALAI, Imre

Oxidation - reduction. Elet tud 16 no.13:Suppl.: Tarkatudomány  
2 no.7:52-53 26 Mr '61.

SZALAI, Imre

Self-combustion of coal. Elet tud 16 no.53:Suppl.:Tarkatudomány  
2 no.27:212-213 31 D '61.

SZALAI, Imre

Expansion and mixture of gases. I. Elet tud 18 no.9:281-282  
3 Mr '63.



SZAI, Imre

Oxidizing and reducing flame. Elst tud 17 no.24:Suppl.:  
Tarkatudomány 3 no.12:92-93 17 Je '62.

SZALAI, Istvan, dr., a biologiai tudományok doktora, egyetemi tanár

Role of cosmic energy in the production of organic substances.  
Elovilag 8 no.3:7-11 My-Je '63.

1. Szegedi Tudományegyetem Növényeletti Intézetének vezetője,  
Szeged.

SZALAI, Imre

"Application of open flame is forbidden!" Elet tud 17 no. 16:  
Supplement: Tarkatudomány 3 no. 8:60-61 22 Ap '62.

SZALAI, I.

Planting the potato during the summer with young potato tubercles produced by means of "Rindite." In German. p. 63.

(ACTA BIOLOGICA. Vol, 2, no. 1/4, Dec. 1956, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.  
Uncl.